

# PATENT ABSTRACTS OF JAPAN

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(71)Applicant : NEC CORP

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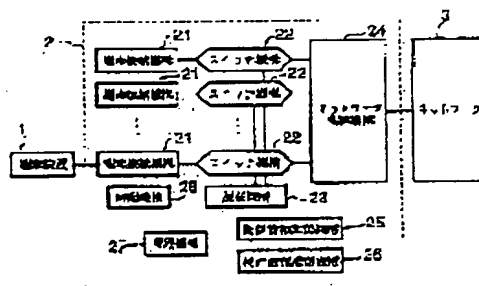
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## (54) NETWORK LINE CONCENTRATION DEVICE

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To improve security against the illegal use or interception of a network.

**SOLUTION:** This device is equipped with plural terminal connecting mechanisms 21 connected to terminal equipment 1 so as to monitor the state of the terminal equipment 1 and one switch mechanism 22 for respectively connecting a network 3 through a network line concentration mechanism 24 to the respective terminal connecting mechanisms 21 and when authentication information provided by inquiry from an authentication mechanism 23 to the terminal equipment 1 is proper, the switch mechanism 22 corresponding to the terminal connecting mechanism 21 and network line concentration mechanism 24 is changed over so as to connect these mechanisms.



## LEGAL STATUS

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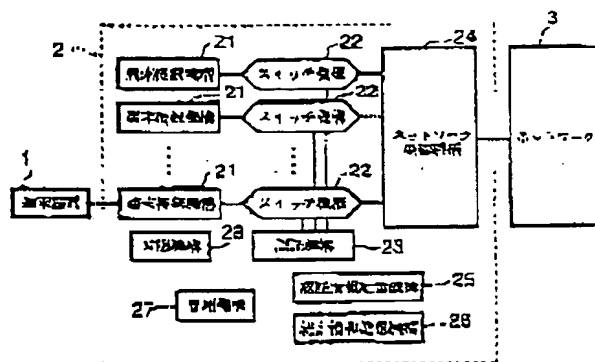
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 出願人 : 日本電気株式会社  
 発明の名称 : ネットワーク集線装置

出願日 : 1998年8月13日  
 公開日 : 2000年2月25日  
 発明者 : 嶋田 真一郎

# 要約:

【課題】ネットワークの不正使用や盗聴などに対するセキュリティを向上できるようにする。

【解決手段】端末装置1接続されて、端末装置1の状態を監視する複数の端末接続機構21と、端末接続機構21のそれぞれに対しネットワーク集線機構24を介してネットワーク3を接続する各一のスイッチ機構22とを設け、認証機構23が端末装置1に対し問い合わせ得た認証情報が正しい場合に、端末接続機構21とネットワーク集線機構24とを接続するように、これらに対応するスイッチ機構22を切り換える。



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